

ORANGE COUNTY
PROTECT & PRESERVE
OUR HARBORS & COASTLINE
COASTKEEPER



Mission Statement:

To protect and preserve Orange County's marine habitats and watersheds through education, advocacy, restoration, and enforcement.

Orange County Coastkeeper is a 501c3 non-profit organization founded in 1999. We work with local cities, regional agencies individuals schools and business to develop solutions to pollution affecting Orange County waters.

Coastkeeper Monitoring

- Invasive Species
- Water Quality Documentation
- Sediment Quality
- Restoration
- Investigative/Enforcement
- Bioassessment
- Trash
- LID

Invasive Species

- *Caulerpa taxifolia*
(2001)



- Quagga mussel

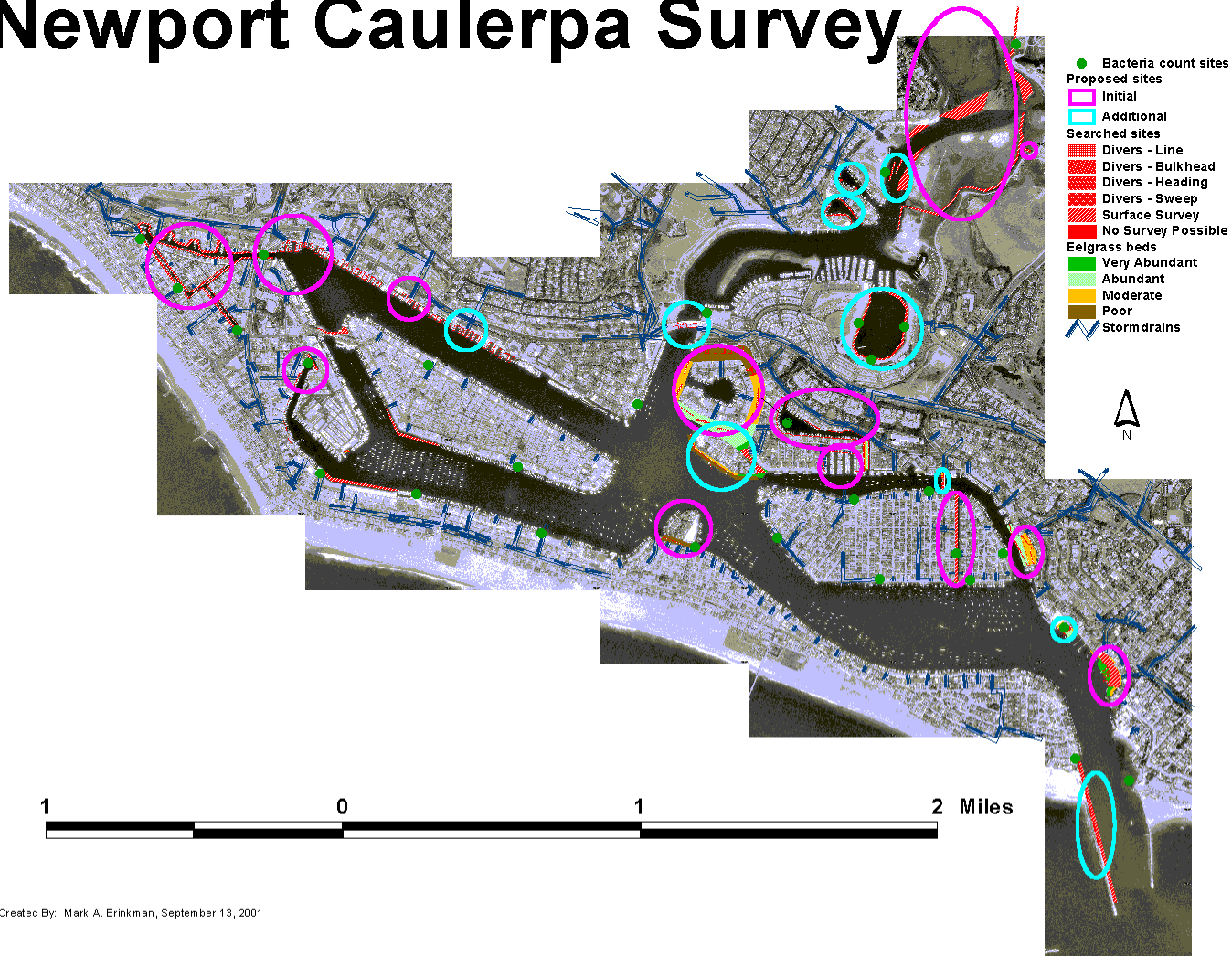


- Zebra mussel



Caulerpa Taxifolia

Newport Caulerpa Survey

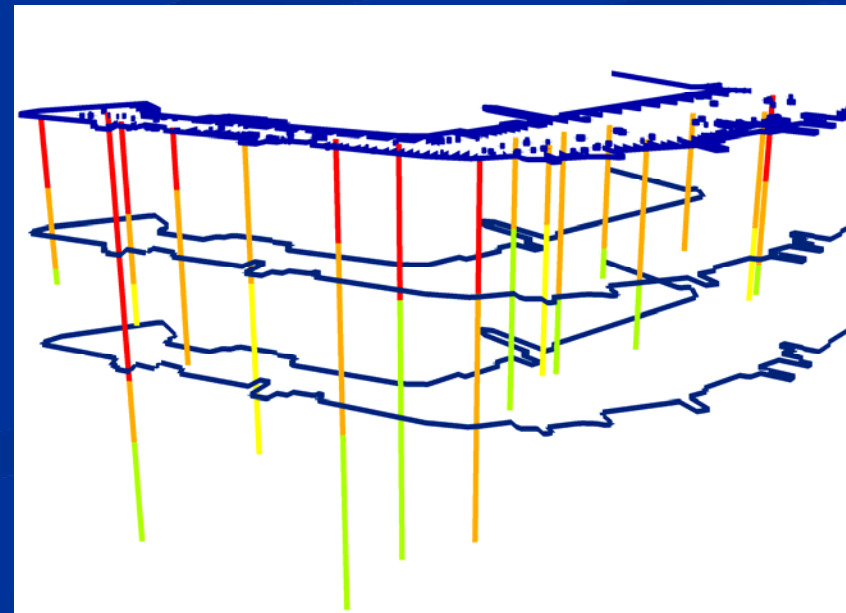


Water Quality Documentation

- 2001-2004 Santa Ana River Watershed (319h)
- 2004-2007 Orange County Coastal Watersheds (Prop 13)
- 2008-2009 Upper Santa Ana River Watershed Assessment (RB contract)
- 2008-2010 South Orange County Creeks (Foundation)
- 2001-2003 Anaheim Bay/Huntington Harbour Water Column/Sediment Toxicity Study

Sediment Quality Monitoring

- Rhine Channel Remediation Project 2004-2006 (Prop 13)
- Anchor Environmental



Restoration Monitoring

- Kelp

- Eelgrass



Marine
Protected
Areas

Source Investigations

- Vessel waste disposal study 2002
RB Resolution RB8-2003-0074



- Newport Dunes Swimmer Shedding Study 2002



Source Investigations

- 2007 Newport Bay Marina Metals Study



- 2010 Newport Beach Stormdrains Metals Study (TMDL funding /City of NB)

Orange County Nurseries Water Quality Improvement Program

- Started As Investigation
- Agricultural Exemption
- Southern California Edison Cooperation
- UC Cooperative Extension



Enforcement

- Construction sites
- Scrapyards
- Spills/dumping



Bioassessments/Toxicity

- Benthic invertebrates
CSBP/CSBC

- Chronic/Acute Toxicity

- New Toxicity



Trash

- Crystal Cove Marine Debris Survey
- Rapid Trash Assessment



Low Impact Design

- Water Monitoring

- MWD

- OCWD



More Information

- See www.coastkeeper.org for additional information Orange County Coastkeeper and all our projects.
- All project reports and data are available by request.
- Contact information for Ray Hiemstra
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